solé™

Progressive Video Disc Player

SDP832/SDP832A

Owner's Manual

Before attempting to connect or operate this product, please read all the instructions carefully and save this manual for future use.

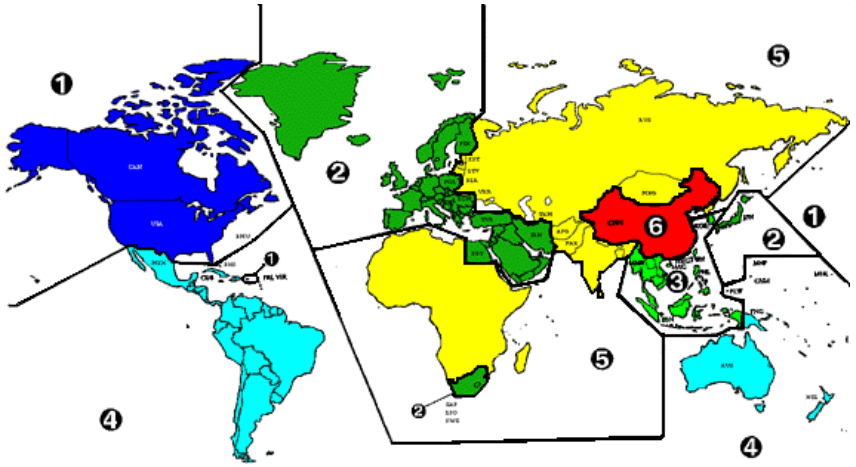
solé is a registered brand name of Resource International.
Resource International
Boca Raton, Florida 33487
USA
www.soletv.com

EVR0530070550

NOTES

Serial Number: _____

DVD WORLD REGIONS



- **Region 1**
  The U.S., U.S. territories and Canada
- **Region 2**
  Europe, Japan, Middle East, Egypt, South Africa, Greenland
- **Region 3**
  Taiwan, Korea, the Philippines, Indonesia, Hong Kong
- **Region 4**
  Mexico, South America, Central America, Australia, New Zealand, Pacific Islands, Caribbean
- **Region 5**
  Russia (former USSR), Eastern Europe, India, most of Africa, North Korea, Mongolia
- **Region 6**
  China

Example:

❒ **Region Management Information**

This product is designed and manufactured to respond to the Region Management Information that is recorded on a DVD disc. If the region number described on the DVD disc does not correspond to the region number of this product, this product cannot play this disc.

The region number for this product is "1" and "ALL".

Precautions

The design and manufacture of the **solé** SDP832 player takes personal safety into consideration. However, any improper operation may result in electric shock, fire and other hazard. So please adhere to following precautions. Using this product in a manner inconsistent with its intended purpose may result in possible injury.

Safety precautions

- To prevent electric shock, do not open the unit.
- If the unit requires service please contact Resource International and arrange for a professional technician to perform the service and repair.
- To prevent damage to this unit, prevent contact with any liquids.
- To prevent damage, do not drop anything into the ventilation holes or other openings in the unit.
- To prevent damage caused by lightening, please turn off the power to the unit and disconnect all cables.
- Clean the unit with a dry, soft and lint-free cloth only.

Operating precautions

- Install the unit in a level position in an area with good ventilation.
- Avoid moisture, heat, water, vibration and direct sunlight.
- Condensation caused by moisture may appear on the inside of the On Screen Display of the product and may affect the performance and playback of the unit. If this occurs, turn off the player and safely unplug the unit. When the condensation is no longer visible you may resume operation of the unit.

Do not turn on/off the product frequently and rapidly.

YCbCr - A component digital video signal containing one luma and two chroma components. The chroma components are usually adjusted for digital transmission according to ITU-R BT.601. DVD-Video's MPEG-2 encoding is based on 4:2:0 sYCbCr signals. YCbCr applies only to digital video, but is often incorrectly used in reference to the YPbPr analog component outputs of DVD players.

YPbPr - A component analog video signal containing one luma and two chroma components. Often referred to loosely as YUV or Y, B-Y, R-Y.

YUV - In the general sense, any form of color-difference video signal containing one luma and two chroma components. Technically, YUV is applicable only to the process of encoding component video into composite video. See YCbCr and YPbPr.

SECAM - Séquential couleur avec mémoire/sequential color with memory. A composite color standard similar to PAL, but currently used only as a transmission standard in France and a few other countries. Video is produced using the 625/50 PAL standard and is then transcoded to SECAM by the player or transmitter.

Stream - A continuous flow of data, usually digitally encoded, designed to be processed sequentially. Also called bitstream.

Title - The largest unit of a DVD-Video disc (other than the entire volume or side). Usually a movie, TV program, music album, or so on. A disc can hold up to 99 titles, which can be selected from the disc menu. Entire DVD volumes are also commonly called titles.

Track - 1) A distinct element of audiovisual information, such as the picture, a sound track for a specific language, or the like. DVD-Video allows one track of video (with multiple angles), up to 8 tracks of audio, and up to 32 tracks of subpicture; 2) one revolution of the continuous spiral channel of information recorded on a disc.

VCD - Video Compact Disc. Near-VHS-quality MPEG-1 video on CD. Used primarily in Asia.

VGA (Video Graphics Array) - A standard analog monitor interface for computers. Also a video graphics resolution of 640 x 480 pixels.

Video CD - An extension of CD based on MPEG-1 video and audio. Allows playback of near-VHS-quality video on a Video CD player, CD-i player, or computer with MPEG decoding capability.

Widescreen - A video image wider than the standard 1.33 (4:3) aspect ratio. When referring to DVD or HDTV, widescreen usually indicates a 1.78 (16:9) aspect ratio.

Y - The luma or luminance component of video: brightness independent of color.

Y/C - A video signal in which the brightness (luma, Y) and color (chroma, C) signals are separated. Also called s-video.

INDEX

1. DVD features ····· 4
2. Contents check list ····· 5
2.1 Installing batteries for the remote control ····· 5
3. Product key code and layout ····· 3
3.1 Front panel buttons ····· 6
3.2 Rear panel connections ····· 6
3.3 Remote control functions ····· 7
3.31 Key description ····· 8
4. Connecting your solé SDP832 ····· 9
4.1 Connecting SDP832 using composite output and power harness ····· 9
4.2 Connecting SDP832 using YUV adapter ····· 9
4.3 Connecting SDP832 using VGA output ····· 10
4.4 Connecting SDP832 using optional AC/DC adapter ····· 10
5. Basic SDP832 operation ····· 11
5.1 Playing a DVD ····· 11
6. Operating the SDP832 ····· 12
7. System setting ····· 15
7.1 General setup page ····· 15
7.2 Audio setup page ····· 17
7.3 Speaker setup page ····· 18
7.4 Video setup page ····· 18
7.5 Preference page ····· 20
7.6 Password setup page ····· 21
8. MP3 operation ····· 22
9. Picture CD ····· 23
10. Virtual remote function ····· 24
11. Troubleshooting ····· 25
12. Specifications ····· 26
13. How to properly care for a disc ····· 27
14. Dolby digital description ····· 28

1. DVD features

The **solé SDP832** multi-media player provides a high-resolution Progressive Scan Display with high fidelity sound and surround sound effect. The DVD player can play most Disc formats of various types, including VCD, SUPER-VCD, DVCD, CD, and MP3 playback.

solé SDP832 Features

1. Compatibility with DVD, VCD, SUPER-VCD, DVCD, CD, and MP3.
2. Multi language on screen menu.
3. VGA (D-Sub 15) or monitor type high resolution output display.
4. 480P Progressive Scan Display offering more than 500 lines of Horizontal Image Resolution.
5. Last Memory Function.
6. ID3 Tag displays artist name, album title and Track on screen.
7. Multi-language support. Supports DVD captioning up to 32-languages.
8. View DVD media content containing multiple angles allowing different views of a scene to be selected during playback.
9. Front panel Audio and Video Input type RCA makes it simple and easy to connect any equipment such as a video camera or video game console.
10. Built-in microphone for karaoke fun anytime.
11. Virtual Remote Function on screen.

Over scan - The area at the edges of a television tube that is covered to hide possible video distortion. Overscan typically covers about 4 or 5 percent at the edges of the picture but can cover as much as 10 percent.

PAL - Phase Alternate Line. A video standard used in Europe and other parts of the world for composite color encoding. Various version of PAL use different scanning systems and color subcarrier frequencies (identified with letters B, D, G, H, I, M, and N), the most common being 625 lines at 50 fields per second

Pan & scan - The technique of reframing a picture to conform to a different aspect ratio by cropping parts of the picture. DVD-Video players can automatically create a 4:3 pan & scan version from widescreen video by using a horizontal offset encoded with the video.

PCM - An uncompressed, digitally coded representation of an analog signal. The waveform is sampled at regular intervals and a series of pulses in coded form (usually quantized) are generated to represent the amplitude.

Random access - The ability to jump to a point on a storage medium.

Resolution - 1) A measurement of relative detail of a digital display, typically given in pixels of width and height; 2) the ability of an imaging system to make clearly distinguishable or resolvable the details of an image. This includes spatial resolution (the clarity of a single image), temporal resolution (the clarity of a moving image or moving object), and perceived resolution (the apparent resolution of a display from the observer's point of view). Analog video is often measured as a number of lines of horizontal resolution over the number of scan lines. Digital video is typically measured as a number of horizontal pixels by vertical pixels.

RGB - Video information in the form of red, green, and blue tristimulus values. The combination of three values representing the intensity of each of the three colors

Scaling - Altering the spatial resolution of a single image to increase or reduce the size; or altering the temporal resolution of an image sequence to increase or decrease the rate of display. Techniques include decimation, interpolation, motion compensation, replication, resampling, and subsampling. Most scaling methods introduce artifacts.

Letterbox - The process or form of video where black horizontal mattes are added to the top and bottom of the display area in order to create a frame in which to display video using an aspect ratio different than that of the display. The letterbox method preserves the entire video picture, as opposed to pan & scan. DVD-Video players can automatically letterbox a widescreen picture for display on a standard 4:3 TV.

Luma (Y´) - The brightness component of a color video image (also called the grayscale, monochrome, or black-and-white component). Nonlinear luminance. The standard luma signal is computed from nonlinear RGB as Y´ = 0.299 R´ + 0.587 G´ + 0.114 B´.

Luminance (Y) - Loosely, the sum of RGB tristimulus values corresponding to brightness. May refer to a linear signal or (incorrectly) a nonlinear signal.

MP3 - MPEG-1 Layer III audio. A perceptual audio coding algorithm. Not supported in DVD-Video or DVD-Audio formats.

MPEG audio - Audio compressed according to the MPEG perceptual encoding system. MPEG-1 audio provides two channels, which can be in Dolby Surround format. MPEG-2 audio adds data to provide discrete multichannel audio. Stereo MPEG audio is the mandatory audio compression system for 625/50 (PAL/SECAM) DVD-Video.

MPEG video - Video compressed according to the MPEG encoding system. MPEG-1 is typically used for low data rate video such as on a Video CD. MPEG-2 is used for higher-quality video, especially interlaced video, such as on DVD or HDTV

MPEG - Moving Pictures Expert Group. An international committee that developed the MPEG family of audio and video compression systems.

NTSC - National Television Systems Committee. A committee organized by the Electronic Industries Association (EIA) that developed commercial television broadcast standards for the United States. The committee standardized color enhancements using 525 lines at 59.94 fields per second. NTSC refers to the composite color-encoding system. The 525/59.94 scanning system (with a 3.58-MHz color subcarrier) is identified by the letter M, and is often incorrectly referred to as NTSC.

2. Contents checklist

1) Remote control (1)

2) Integrated power cable (1)

3) Hanger (2)

4) Screw (8)

5) Battery AAA (2)

6) Audio/Video Cable (1)

7) User's manual (1)

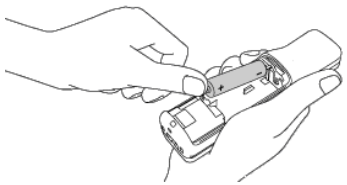
8) Remote sensor (1)

9) YUV / Component output connection (1)

10) Installation Collar & Cosmetic Trim (Not Pictured)

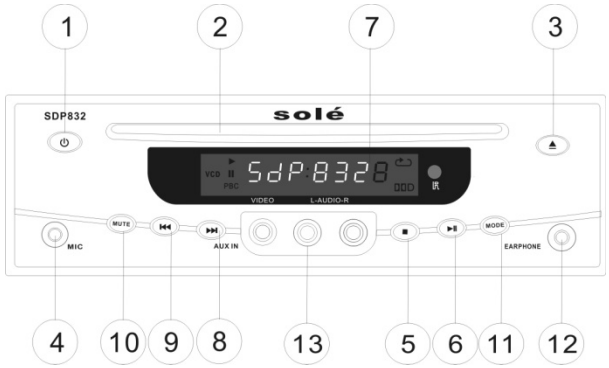
2.1 Installing batteries for the remote control

Position (2) AAA batteries in the direction indicated inside the battery compartment.



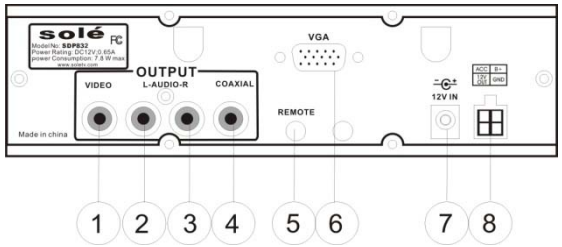
3. Product Key Code & Layout

3.1. Front panel buttons



1) Power On/Off key
2) Disc loading slot
3) Eject key
4) Microphone Input
5) Stop Playback key
6) Play/Pause key
7) LED Display
8) Fast forward key
9) Fast reverse key
10) Mute key
11) Mode/Source Input key
12) Headphone
13) Composite RCA-type Audio/Video Input

3.2. Rear panel connections



1) Composite Video output (Yellow RCA-type)
2) Left audio output (White RCA-type)
3) Right audio output (Red RCA-type)
4) Digital coaxial audio output
5) Remote control input jack
6) VGA/Progressive output
7) DC 12V power input
8) Wiring harness power socket

Component video - A video system containing three separate color component signals, either red/green/blue (RGB) or chroma/color difference (YCbCr, YPbPr, YUV), in analog or digital form. The MPEG-2 encoding system used by DVD is based on color-difference component digital video.

Composite video - An analog video signal in which the luma and chroma components are combined (by frequency multiplexing), along with sync and burst. Also called CVBS. Most televisions and VCRs have composite video connectors, which are usually colored yellow.

CVBS - Composite video baseband signal. Standard single-wire video, mixing luma and chroma signals together.

DC - Direct current. Electrical current flowing in one direction only. Adopted in the video world to refer to a signal with zero frequency.

Dolby Digital - A perceptual coding system for audio, developed by Dolby Laboratories and accepted as an international standard. Dolby Digital is the most common means of encoding audio for DVD-Video and is the mandatory audio compression system for 525/60 (NTSC) discs.

DVD - An acronym that officially stands for nothing, but is often expanded as Digital Video Disc or Digital Versatile Disc. The audio/video/data storage system based on 12- and 8-cm optical discs.

Frame - The piece of a video signal containing the spatial detail of one complete image; the entire set of scan lines. In an interlaced system, a frame contains two fields.

Frequency - The number of repetitions of a phenomenon in a given amount of time. The number of complete cycles of a periodic process occurring per unit time.

Interlace - A video scanning system in which alternating lines are transmitted, so that half a picture is displayed each time the scanning beam moves down the screen. An interlaced frame is made of two fields.

Aspect ratio - The width-to-height ratio of an image. A 4:3 aspect ratio means the horizontal size is a third again wider than the vertical size. Standard television ratio is 4:3 (or 1.33:1). Widescreen DVD and HTDV aspect ratio is 16:9 (or 1.78:1). Common film aspect ratios are 1.85:1 and 2.35:1. Aspect ratios normalized to a height of 1 are often abbreviated by leaving off the :1.

Bandwidth - Strictly speaking, the range of frequencies (or the difference between the highest and the lowest frequency) carried by a circuit or signal. Loosely speaking, the amount of information carried in a signal. Technically, bandwidth does not apply to digital information; the term data rate is more accurate.

Bit stream - Digital data, usually encoded, designed to be processed sequentially and continuously.

Brightness - Defined by the CIE as the attribute of a visual sensation according to which area appears to emit more or less light. Loosely, the intensity of an image or pixel, independent of color; that is, its value along the axis from black to white.

Caption - A textual representation of the audio information in a video program. Captions are usually intended for the hearing impaired, and therefore include additional text to identify the person speaking, off-screen sounds, and so on.

Cb, Cr - The components of digital color-difference video signals carrying blue and red color information, where the brightness (Y) has been subtracted from the blue and red RGB signals to create B-Y and R-Y color-difference signals.

CD - Short for compact disc, an optical disc storage format.

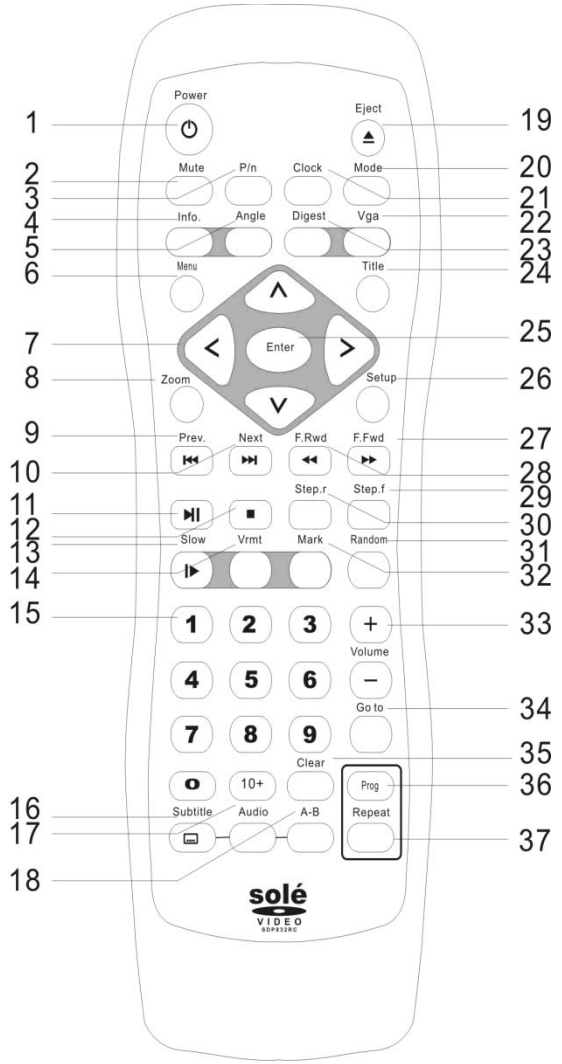
CD-R - An extension of the CD format allowing data to be recorded once on a disc by using dye-sublimation technology.

CD-ROM - Compact disc read-only memory. An extension of the Compact disc digital audio (CD-DA) format that allows computer data to be stored in digital

Chapter - In DVD-Video, is a division of a title. Technically called part of the title (PTT).

3.3. Remote control functions

1. Power
2. Mute
3. P/n
4. Info
5. Angle
6. Menu
7. < ∧ ∨ >
8. Zoom
9. Prev
10. Next
11. ⏯
12. ■
13. Slow
14. Vrmt (Virtual Remote On Screen)
15. 1 2 3 4 5 6 7 8 9 0 10+
16. Subtitle
17. Audio
18. A-B
19. Eject ⏏
20. Mode
21. Clock
22. Vga
23. Digest
24. Title
25. Enter
26. Setup
27. F.Fwd
28. F.Rwd
29. Step.f
30. Step.r
31. Random
32. Mark
33. Volume
34. Go to
35. Clear
36. Prog
37. Repeat



3.3.1 Key description

1) Power: Turns the unit ON or OFF.
2) Mute: Function to silence audio output.
3) P/N: Change the video system between PAL and NTSC.
4) Info: Displays the time remaining for title and chapter.
5) Angle: Change a scene recorded from different viewpoints.
6) Menu: Displays the root menu.
7) Arrows: Allows navigation through the setup or menu.
8) Zoom: Magnifies 2x, 3x, 4x or shrink the video ½, ⅓, ¼.
9) Previous: Changes to the prior chapter or track.
10) Next: Changes to the subsequently chapter or track.
11) ⏵II: Play or pause.
12) ■: Stop.
13) Slow: Allowing movement or action only at a low speed.
14) Vrmt: Shows a Virtual remote control on screen.
15) Numeric Keys: Allow you to change the track or chapter.
16) Subtitle: Displays a textual representation of the spoken audio.
17) Audio: Change the audio format.
18) A-B: Repeat the loop between point A and point B.
19) Eject: Expel the CD from SDP832.
20) Mode: Switches output to auxiliary input.
21) Clock: Press and hold clock for 3 second, the display will start blinking then press ‘volume+’ to change the hours and ‘volume-‘ to change the minutes, press clock again to confirm.
22) VGA: Switches video output between VGA and Composite/Component.
23) Digest: Provides you a summary per title, chapter or track.
24) Title: Displays title menu.
25) Enter: Use this key to select or confirm any choice.
26) Setup: Press this key to change settings on the SDP832.
27) F.Fwd: Move forward through an audio or video at high speed.
28) FRwd: Move backward through an audio or video at high speed.
29) Step.f: Move forward through an audio or video step by step.
30) Step.r: Move backward through an audio or video step by step.
31) Random: Use this function to play at no specific sequence.
32) Mark: This key will create a book mark for easy searching.
33) Volume: Use these keys to increase or decrease the audio level.
34) Go to: Takes you to a specific chapter or track.
35) Clear: Use this key to cancel some selected functions.
36) Prog: Press this key if you want to create a program.
37) Repeat: Plays ‘title’, ‘chapter’ or ‘all’ over again.

Glossary

3-2 pulldown - An uncommon variation of 2-3 pulldown, where the first film frame is repeated for 3 fields instead of two. Most people mean 2-3 pulldown when they say 3-2 pulldown.

480i - 480 lines of interlaced video (240 lines per field). Usually refers to 720 x 480 (or 704 x 480) resolution.

480p - 480 lines of progressive video (480 lines per frame). 480p60 refers to 60 frames per second; 480p30 refers to 30 frames per second; and 480p24 refers to 24 frames per second (film source). Usually refers to 720 x 480 (or 704 x 480) resolution.

525/60 - The scanning system of 525 lines per frame and 60 interlaced fields (30 frames) per second. Used by the NTSC television standard.

625/50 - The scanning system of 625 lines per frame and 50 interlaced fields (25 frames) per second. Used by PAL and SECAM television standards.

AC - Alternating current. An electric current that regularly reverses direction. Adopted as a video term for a signal of non-zero frequency.

AC-3 - The former name of the Dolby Digital audio-coding system, which is still technically, referred to as AC-3 in standards documents. AC-3 is the successor to Dolby's AC-1 and AC-2 audio coding techniques.

Analog - A signal of (theoretically) infinitely variable levels. Compare to digital.

Angle - In DVD-Video, a specific view of a scene, usually recorded from a certain camera angle. Different angles can be chosen while viewing the scene.

Artifact - An unnatural effect not present in the original video or audio, produced by an external agent or action. Artifacts can be caused by many factors, including digital compression, film-to-video transfer, transmission errors, data readout errors, electrical interference, analog signal noise, and analog signal crosstalk. Most artifacts attributed to the digital compression of DVD are in fact from other sources.

14. Dolby Digital Description

When a DVD disc with Dolby Digital (AC-3) or an MPEG audio CD is played, the digitally encoded audio signal is sent to the DVD player's coaxial digital audio output. If the DVD player is connected to a Dolby Digital or MPEG audio decoder system via this connection, you enjoy theater quality audio. A special coaxial cable is required (optional accessory).
Audio coaxial digital output connector:

TYPE OF DISC	SOUND RECORDING FORMAT	COAXIAL DIGITAL AUDIO OUTPUT
DVD	Dolby Digital (AC-3)	Dolby Digital bit stream (2-5.1ch) or PCM (2ch)(48 KHZ/16bit)
	Linear PCM (48/96 KHZ 16/20/24 bit)	MPEG2 Audio bit stream or PCM (2ch)(16bit)
	MPEG1 MPEG2	MPEG2 Audio bit stream or PCM (2ch)(16bit)
VCD	MPEG1	PCM (44.1 KHZ sampling)
CD	Linear PCM	Linear PCM (44.1 KHZ sampling)

- Dolby Digital (AC-3) is a digital sound compression technique developed by the Dolby Laboratories Licensing Corporation. Dolby Digital is supporting 5.1-channel surround sound as well as stereo (2ch) sound and enables a large quantity of sound data to be efficiently recorded on a disc.
- Linear PCM is a signal-recording format used on CDs. While CDs are recorded in 44.1 KHZ/16 bit sound streams, DVDs are recorded in 48KHZ/16 bit up to 96KHZ/24 bit sound streams.
- If you have a Dolby Digital Surround decoder, you will obtain the full benefit of Pro Logic sound from the same DVD movies that provide full 5.1-channel Dolby Digital sound tracks, as well from titles with the Dolby Surround logo.

Caution

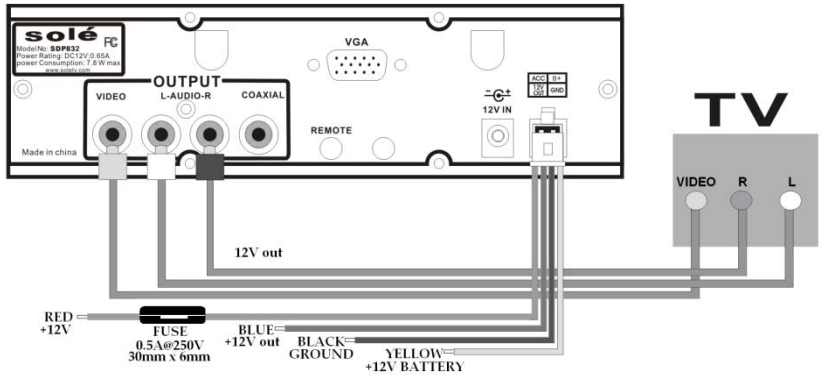
- Do not connect to the coaxial output connector an amplifier, which is not compatible with this type of connection.
- An attempt to play DVDs via an amplifier without the correct AC-3 or MPEG decoder may produce extreme levels of noise. This could damage your loudspeakers and your ears.
- VCD's and Audio CD's can be played as normal index.

4. Connecting your solé SDP832

The solé SDP832 may be connected several important ways and depends on the available connections you may have to use on your TV or monitor.

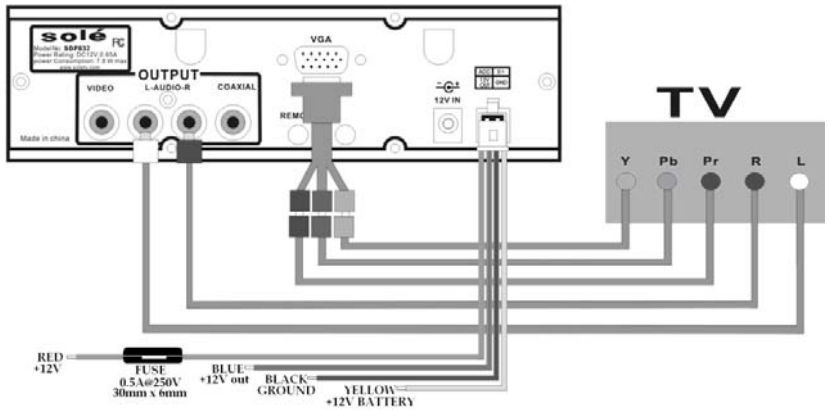
NOTES: Be sure to shut off all power before any new connection.

4.1. Connecting SDP832 using composite output & power harness



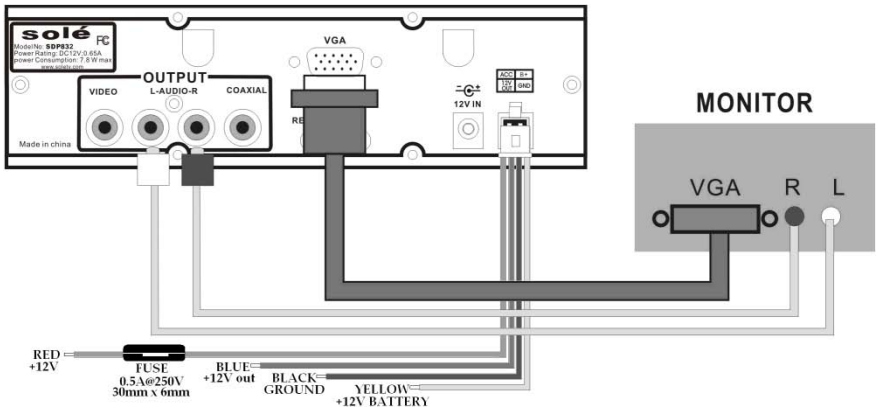
4.2. Connecting the SDP832 using the included YUV adapter

The YUV or Component Cable adapter included with the solé SDP832 will allow you to connect and display a progressive scan signal on a monitor or television using the Component Cables (YPbPr or RED, GREEN, BLUE video cables) and separate RCA audio cables (Red-right channel and White-left channel).



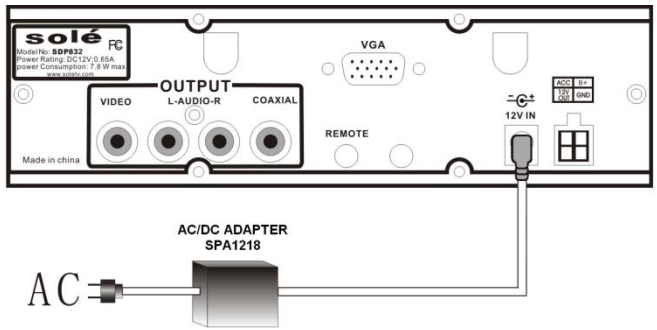
4.3. Connecting the SDP832 using VGA output

This connection is often referred to as VGA, D-Sub 15, or monitor connection. This connection optimizes the DVD players high resolution display output.



4.4. Connecting SDP832 using optional AC/DC adapter

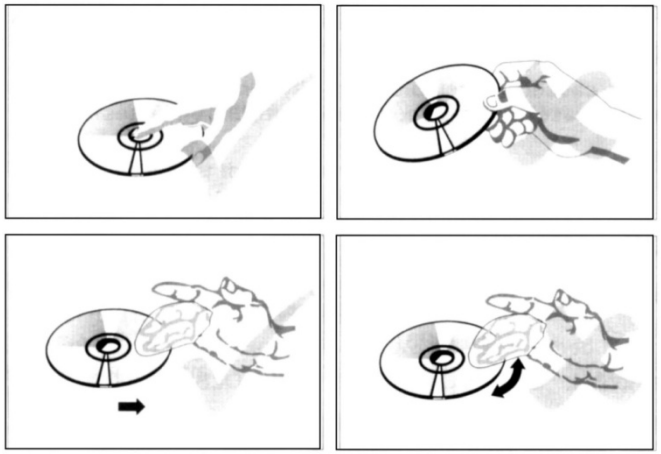
You can connect your SDP832 to your AC 110V or 220V outlet; you will need to use the AC/DC adapter SPA1218 (sold separately)



Front Composite A/V: This video connection is designed to connect an external source such as a video camera or game console. Simply connect the composite cables by color reference (yellow-video, red-right audio and white-left audio) and then press the key **MODE**.

13. How to properly care for a disc.

- Handle the disc by the edge.



When the face of the Disc contains spots, fingerprints or is soiled

- Wipe gently with a lint-free, lightly dampened cloth, and then dry it with a clean lint-free cloth.
- When operating in various climates and temperatures a disc may appear to have condensation on the surface. Wipe with a dry, soft, smooth cloth before using and inserting back into the video player.

12. Specifications

Compatible discs: DVD/SVCD/VCD/CD-DA/MP3 audio disc.

Video format: MPEG1, MPEG2

Audio format: Dolby Digital

Signal output: Video signal: NTSC or PAL Color System
Video: 1.0VP-P
Audio: ≥1V

Functional operation: Please refer to chapter 7.

Output interface: RCA output, VGA output, coaxial digital output.

Power voltage: DC 12V

Frequency response: DVD: 20HZ~20KHZ

Weight: 1.3kg

Product dimension: 178mm x 160mm x 50mm

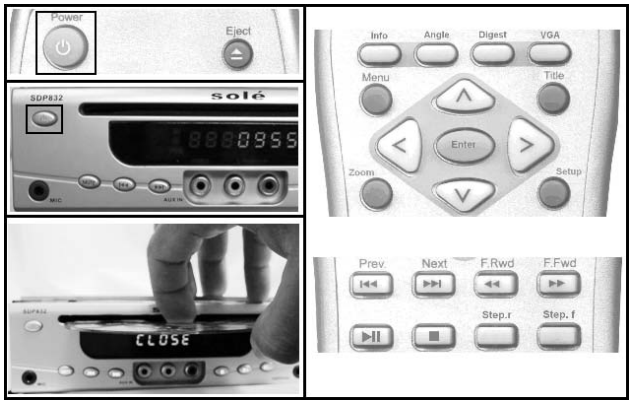
Accessories: Remote control SDP832RC, integrated power cable, mounting hardware, batteries AAAx2, audio/video cable, owner's manual, external IR sensor, VGA-Component adapter, installation collar and cosmetic trim.

5. Basic SDP832 operation

If you have properly connected the solé DVP832 player and loaded the batteries into the remote control, then you are now able to enjoy using the DVD player.

5.1. Playing a DVD

1. Press **POWER** on the remote control or ⏻ on the front panel to turn ON the DVD player.
2. Make sure your TV or monitor is set to the correct video input mode (i.e. VIDEO IN, COMPONENT IN, or PC IN). The video input mode you select will depend on how you connected the solé DVP832 to your video display.
3. Insert disc in the front loader as illustrated below with the label side facing upward. Only insert a single disc at a time.



The disc will automatically insert inside the DVD player and will begin to read it. The player will identify the disc format and then display it on the screen of the DVD front panel. The DVD player will automatically begin playing the disc. If the menu or directory displays on screen, press the direction buttons [▲]/ [▼]/ [◀]/ [▶] on the remote control to move the cursor to the desired track or selection then press **ENTER** to confirm your choice.

You can use the numeric key pad to directly access a desired chapter or track.

6. Operating the SDP832

This section of the manual will detail the functions and operating procedures of the remote control, and can be a valuable user's reference guide.

- **Play / Pause [▶II]**

When the DVD player is in stop, pause, slow play, fast forward, or fast reverse mode, you can press [▶II] to resume normal playback. Press [▶II] again, and the DVD player will be paused. Press [▶II] again, and normal play will resume.

- **Eject [⏏]**

Use this key when you want to load or unload the Disc. Press the button once, the Disc will be ejected from the unit; press it again to automatically insert Disc back into the unit.

Warning: Never insert any foreign object or damaged CD inside of disc load. This may permanently damage the player and void your warranty.

- **Mute**

Press this button to mute or silence the audio output; press it again to resume the audio at the same volume level as before.

- **Previous track [I◀◀]**

While playing a DVD / CD disc, press this button to skip to a previous chapter or music track.

- **Next track [▶▶I]**

While playing a DVD / CD disc, press this button to skip to the next chapter or music track.

- **F.Fwd [▶▶]**

Press this button to silently fast forward; press the button again to increase the fast forward rate. If it pressed again the player will finally return to it's normal playing state.

- **F.Rwd [◀◀]**

Press this button to silently fast backward; press the button again to increase the fast backward rate. If it pressed again the player will finally return to it's normal playing state.

11. Troubleshooting

Disc will not play

- Make sure the disc has been loaded into the player correctly.
- Make sure the system settings are correct and the unit is set to the proper source mode.
- This unit may not compatible with all CD formats.

No sound

- Check to see if the audio cables are connected securely to the player and with other system components including an amplifier or TV.
- Make sure you are following the operating instructions for the TV and or amplifier correctly.
- Make sure the system settings are correct and the unit is set to the proper source mode.
- Check the volume level on the SDP832.

Remote control does not work

- Check or change batteries (AAAx2).
- The distance is too far. Move the remote close to the unit.

Twisting image

- Check Disc for damage or scratches. Be sure the disc is properly cleaned. This player is controlled by a microcomputer, and if any trouble occurs, please turn off the power and resume playback only after a minimum of 10 minutes have past and when there is no evidence of trouble .

Button(s) don't work or function properly

- This may result from abnormal or unstable electrical current. Should you experience such symptoms, please turn off the power, and resume playback after a minimum of 10 minutes.

No image on the screen

- If the SDP832 is connected using composite or component video cables, then make sure the unit is set to "YUV".
- If the SDP832 is connected using the VGA cable, then make sure the unit is set to VGA output.

Double screen

- The SDP832 is set to Progressive mode. Press **SETUP** go to "video setup page" select "TV mode" and change it to interlace.
  Progressive mode is for component input that supports 480p or HD component input.

Pink screen

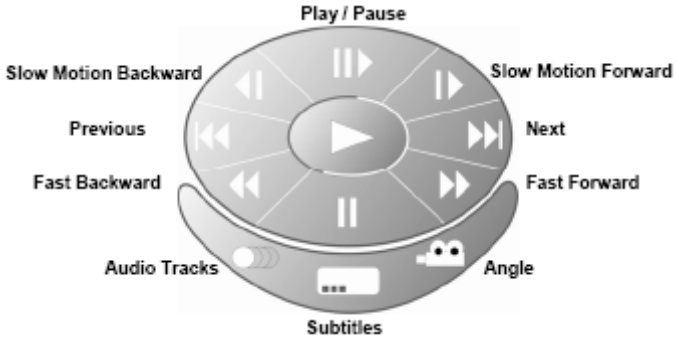
- Press **SETUP** then go to 'video setup page' and change component to "YUV".

Slideshow
If the disc contains more than one picture file, the player can play the files automatically in 16 different Slideshow modes. While the disc is playing, press **PROG** to change the current slideshow to one of the following modes.

Modes:
Wipe top, Wipe bottom, Wipe left, Wipe right, Diagonal wipe left top, Diagonal wipe right top, Diagonal wipe left bottom, Diagonal wipe right bottom, Extended from center horizontal, Extended from center vertical, Compress to center horizontal, Compress to center vertical, Window horizontal, Window vertical, Wipe from edge to center, and Moving from top

10. Virtual Remote Function (Vrmt)

This function is only for DVD discs. You can operate all the DVD playback functions using the arrow keys and the enter key.



Press the Vrmt button and the virtual remote will appear on screen, press the arrow buttons [◀]/ [▶] to scroll to your selection and press **ENTER** to confirm your selection.

- **Menu / PBC**

While playing a DVD, press this button to display the option menu included in the disc (whether this function will operate depends on the type and format of the disc). Press this button to shift PBC mode.

- **Arrows**

When the screen displays the menu of the DVD disc or system menu, the player is in a waiting state or standby mode. You can press these buttons to move the cursor over the desired item and then select it.

- **Enter**

Press the button to execute the entered or the selected item function.

- **Stop [■]**

Pressing the stop button on the remote control or front panel of the player once will stop playback. If you press [▶II], it will begin playback from the stop point. Press [■] twice and the player will completely stop playing.

- **Slow**

Press this key to play the video content slowly or at variable speeds. You can select the [SLOW] play forward or backward, and there are four preset shift speeds including ½, ¼, ⅛, 1/16. If you select the **SLOW** button once again, the speed will return to normal playback.

- **Title**

Whether this feature functions depends on the type and format of a disc.
Press [TITLE] to display the title menu of the DVD disc. While viewing the On Screen Display, you can press [▲]/ [▼] or [◀]/ [▶] to move the cursors to define the next desired item, then press [ENTER] to select the feature to be played.

- **Subtitle**

Press this button to select the desired caption language, (i.e. English, Spanish etc.). Press it once to change a caption language. (This operation works only for discs with multiple subtitles encoded).

- **Repeat**

Press this button to repeat a chapter, title and entire Disc.

- **Zoom**

While playing a disc, you may use the **ZOOM** function to magnify the display in or out. This function has six zoom levels: 3X magnification, and 3X reduction.

The zoom function operates with each press of the button X2, X3, X4 and then 1/2, 1/3, 1/4, then finally returning to normal size on the seventh press of the button.

- **Angle**

This function will operate depending on the type and format of the disc.
While playing a DVD disc containing multi-angle content, press this button to change the video to different angles at your option. Each time you press the button, the player will display the scene from another angle.

- **Audio**

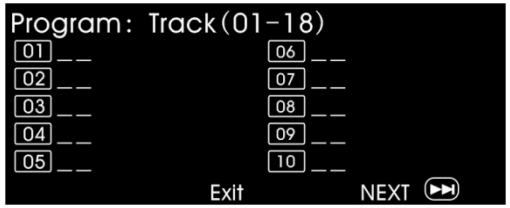
Press this button to select the preferred audio language of the disc. This operation works only for discs containing multi language audio support.

- **Program**

This function will operate depending on the type and format of a disc. Press **PROG** to enable users to change the playback order of the track or chapter.

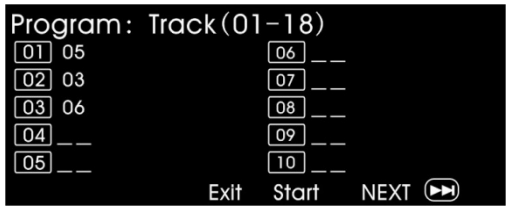
- Press [PROGRAM]

The screen will display the following information for programming track and playback order.



- Press the numeric buttons to enter the desired track.

Example: If the users want to first play track 5, then track 3, and finally track 6, you enter 5, 3, and 6 respectively. Then press **ENTER** and playback will begin.



9. Picture CD

The SDP832 is compatible with Picture CD's with JPEG image extension files.

Press the [▲]/ [▼] arrows to scroll to your selection and confirm your choice by pressing the **ENTER** button. Your picture will now be displayed.

Rotation
Press the [◀]/[▶] arrow buttons, to rotate the picture clockwise or counterclockwise

Mirror effect
Press the [▲]/ [▼] arrow buttons, to mirror the picture horizontally or vertically.

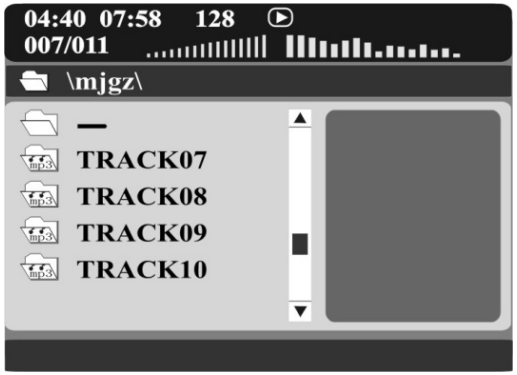
Zoom IN/OUT
Press **ZOOM** and then [◀◀] or [▶▶] buttons, to manually zoom the picture in or out.

Tile Image Selection
If you press **STOP** button while the photo disc is playing, 12 small thumbnails will appear on screen and the first image will have colored selection around the image. Pressing the [◀] or [▶] arrows, you will go to the preferred photo and confirm the choice by pressing **ENTER**

8. MP3 operation

MP3 formats are stored and compressed audio files that are often used when burning (recording) music on Compact Discs. This video player supports MP3 disc playback. Below is an illustration of the on-screen display in MP3 playback mode:

Press [▲] [▼] button, the yellow highlighted band will move up or down to the desired "MP3" selection. Then press **ENTER**, to select. The desired selection will be appearing on-screen:

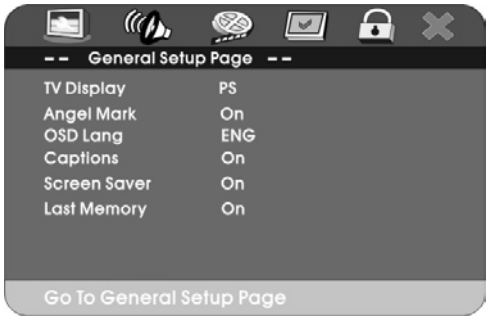


7 System setting

Press [SETUP], the screen will display the system-setting main menu. To navigate the menu, use [◀] [▶] [▲] or [▼] and press **ENTER** to confirm your selection.
Press [◀] to exit the sub-menu and chose another selection, or you may press **SETUP** to exit the setup menu.

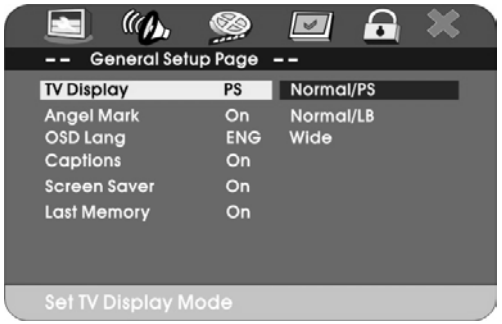
Please reference below how to change common settings

7.1. General setup page



TV Display

Press **SETUP** to enter the setup main menu. Press **ENTER** to make your selection. Use [▲]/ [▼] to navigate to TV Display. Press **ENTER** to select.



Press [▶] to enter sub-menu on the right. To change the screen settings, use [▼] to navigate to your selection, highlight your selection and press **ENTER**.

Varied disc formats will display differently images depending on the settings, the screen size and aspect ratio of your display. Below is an example of the different choices and the relations between the disc format and screen ratio.

4:3 NORMAL LB

4:3 NORMAL PS

16:9 WIDE

16:9 (note)

4:3LB Allows you to view movies in their original aspect ratio. The entire frame of the movie will be displayed. Movies recorded in 16:9 aspect ratio will occupy a smaller portion of the screen and you will see black margins above and below the picture.
4:3PS The movie will be shown full screen without any black margins, but parts of the image may be cut off from the right and left side.
16:9 Allows you to see movies in their original aspect ratio when connected to a widescreen TV. The entire frame of the movie will be displayed.
16:9 note: depending on the DVD screen format, the widescreen setting may still have black margins above and below the picture.

7.6. Password setup page

Password Mode
This option allows you to set your password protection “ON” or “OFF”.

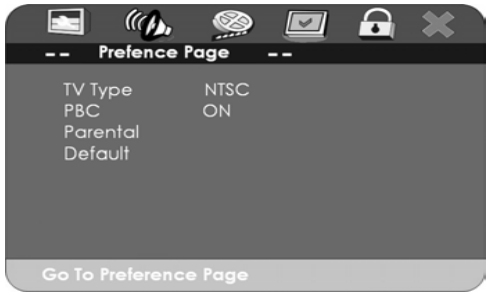
Password
Use this menu to change the factory set password [**123456**]

Enter the PIN numbers with the key buttons on the remote control and press **ENTER**, select the new password and press **ENTER** again, confirm your new password and press **ENTER** again.

Important: Do not forget the new password. There is no way to reset the new password once changed.

7.5. Preference Page

This setting can only be adjusted when no disc is playing.



TV Type

Select this menu to adjust the preferred video output format. PAL is commonly used in Europe and NTSC is commonly used in the USA, South America and Japan. Select **MULTI** only if your TV supports both formats. The output signal will follow automatically the video format on the DVD disc.

PBC

For VCD and SVCD, this selection turns “ON” or “OFF” the Playback Control (PBC) function. VCD or SVCD media have PBC menu’s that contains the track list. The default PBC status is set to “ON”. When the PBC is set to the “OFF” mode, no tracks can be selected.

Parental

For DVD discs with a rating system, users can lock or limit unwanted content that might be unsuitable for children or simply undesired.
Selection 1 is Kid safe. General audiences, all ages admitted.
Selection 2 is G some guidance advisable.
Selection 3 is PG. Parental guidance suggested, some material may not be suitable for children.
Selection 4 is PG13 Parents strongly cautioned, some material may be inappropriate for children under 13.
Selection 5 is PGR Restricted, under 17 requires accompanying parent or adult guardian.
Selection 6 is R. Restricted viewing.
Selection 7 is NC-17 restricted for viewers 17 or under.
Selection 8 is for Adult Entertainment or X rated movies.
After your desired selection you will be prompted to enter a password. If the ex-factory password has never been modified, you can use **[123456]** by pressing the according number buttons on the remote control and press **ENTER** to confirm.

Angle Mark

When playing a DVD disc with angle mark selected **ON**, the screen will show the angle mark. This will give you the possibility to view the DVD from multiple angles. This feature will only work on DVD’s recorded with multiple angle content. When you have selected **OFF**, no angle mark will be displayed on the screen.

Captions

Select **ON** to display subtitles and select **OFF** to disable subtitles.

Screen Saver

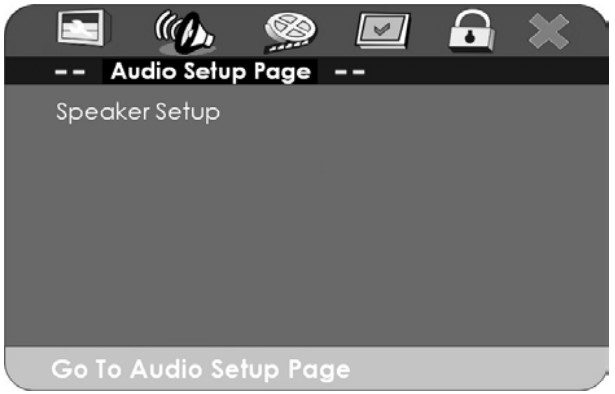
When there is no activity with the player for period of time, a screen saver will automatically start to prevent possible damage to the screen. Select **ON** to activate the screensaver function (recommended) or select **OFF to** disable this feature.

Last Memory

When last memory is selected ON, the player will remember the exact position of the video being played. The unit will resume playing from this point foward. When this feature is turned OFF the player will start playing from the beginning of the DVD.

7.2. Audio setup page

Use this option to change the audio surrounds on your SDP832.



7.3. Speaker setup page

Downmix
Press the **RIGHT** arrow to go into the submenu. If you prefer analog stereo signals, set the sound mode to "STEREO", press the **DOWN** arrow once to move the selection to "STEREO" and then press **ENTER**. - If you want to have Dolby Pro Logic stereo (the decoded signal will create a 2ch reality simulating effect via the R/L connectors), select "LT/RT", then press **ENTER**.

Front Speaker
Select "Large" if you have a truly full-range speaker; or use "small" if your speaker can't support more than 100dB at 20 Hz.

7.4. Video setup page

Component
- Select "OFF" to display the video signal through composite output (yellow RCA connector).
- Select "YUV" to display the video signal through composite out or component out using the included component cable adapter.
- Select "VGA" to display video signal through D-sub 15 output (VGA connector) if you are using a PC-monitor, the video signal will not be available through composite or component out when VGA is utilized. This function can be changed using the "VGA" key on the remote control.

Note: If you have a pink screen using component output, please set "component" to "YUV"

TV Mode
This function is only available if you have selected component **YUV** on the previous step.
- Select "P-Scan" if you want to use your SDP832 for Progressive Scan (480p) to maximize the video resolution using component (YPbPr).
- Select "Interlace" if your TV does not support Progressive Scan.

Quality
Use this sub-menu to adjust Sharpness, Brightness, Contrast, Gamma, Hue, Saturation and Luma.